

Express Mail No. EV 327053668 US

In the Specification:

Please replace Table 1, beginning on page 3, line 26, with  
the following:

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TABLE 1

Homology Between SipC and IpaC

SipC MLISNVGINPAAYLNNHSVENSSQTASQSVSAKDILNSIGI.SSSKVSDL 49  
:|... . . | .... || ..|. .|.. .| .. .| . ::  
IpaC LLLDTNKENVMEIQN....TKPTQTLYTDISTKQTQSSSETQKSQNYQQI 55 [46]

SipC GLSPTLSAPAPGVLTQTPGTITSSLKASIQNTDMNQDLNALANNVTTKAN 99  
: .|... ..||| | .. . || | | . . : .. | .. . . .  
IpaC AAHIPLNVGKNPVLTTLND.DQLLKLSSEQVQHDSEIIARLTDKKMKDLS 104 [95]

B1

SipC EVVQTQLREQQAEVGKFFDISGMSSSAVALLAAANTLMLTLNQADSKLSG 149  
|: :| .|. :|||:||.|.: ....|: .|. |..||:::  
IpaC EMSHTLTPENT.....LDISSLSSNAVSLIISVAVLLSALRTAETKLGS 148 [139]

SipC KLSLVSFDAAKTTASSMMREGMNALSGSISQSQLGLGITGVGAKLEYKGL 199  
.||||:..|||.||...|...:||:..|||:|||....|:||||:||| ...|:  
IpaC QLSLIAFDATKSAAENIVRQGLAALSSSITGAVTQVGITGIGAKKTHSGI 198 [189]

SipC QNERGALKHNAAKIDKLTTEHSIKNVLNGQNSVKLGAEGVDSLKSLNIR 249  
:::|||:..| |. :.||..| : | .|| | ....:....:|  
IpaC SDQKGALRKNLATAQSLEKELAGSKLGLNKQIDTNITSPQTNS..... 241 [232]

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SipC KPVPMRRKILMMRRLNLMPEAPRKVWVLKTVINKVSLNIYILSKRLESV 299

. | :| ...| || ...: .. :|.|| .. |:

IpaC .....STKFLGKNKL.....APDNISL..STEHKTS.....LSSPDISL 273 [264]

SipC ESDIRLEQNYMDITRIDSAQDADDGRSDYEELGHGRWCGRVRAVRRYSG 349

...| ... :: .. ....|...| ..| .. : : .. : . || ..

IpaC QDKIDTQRRTYELNTLSAQQQQNIGRATMETSAVAGNISTS...GGRYAS 320 [311]  
*B1*

SipC NV..SEQQISQVNNRVASTASDEARESSRKSTSLIQEMLKTMESINQSKA 397

.. .|| |||...| ..| : ..|. . .. ||| ..| .. :| ||| ..|.

IpaC ALEEEEQLISQASSKQAAEASQVSKEASQATNQLIQKLLNIIDSINQSKN 370 [361]

SipC SALAAIAGNIRA 409 (SEQ. ID. NO. 1)

|| ..| ||| ..|

IpaC SAASQIAGNIRA 382 373 (SEQ. ID. NO. 18)